

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 April 2005 (21.04.2005)

PCT

(10) International Publication Number
WO 2005/035064 A1

(51) International Patent Classification⁷: **A62B 1/20**

(21) International Application Number:
PCT/IB2003/004358

(22) International Filing Date: 2 October 2003 (02.10.2003)

(25) Filing Language: Italian

(26) Publication Language: English

(71) Applicant and

(72) Inventor: CATANIA, Salvatore [IT/IT]; Via Duca degli
Abruzzi 163/c, I-95037 S. Giovanni La Punta (IT).

(74) Agent: GERVASI, Gemma; Notarbartolo & Gervasi
S.p.A., Corso di Porta Vittoria 9, I-20122 Milan (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

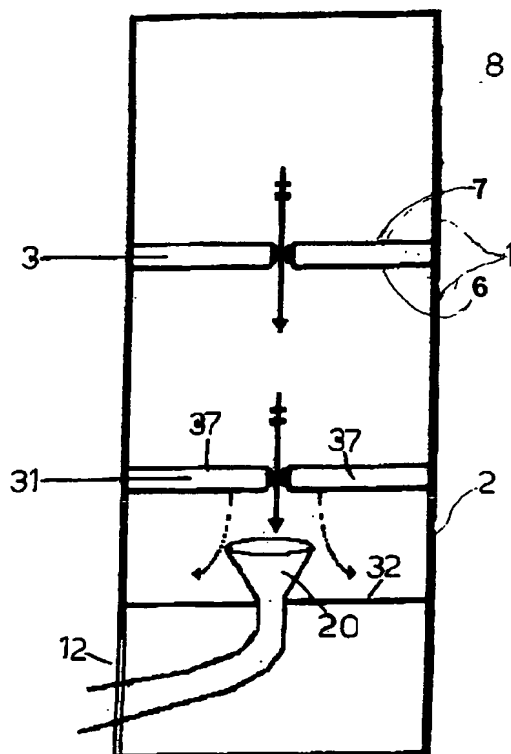
(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MODULAR, EXTERNAL EMERGENCY STRUCTURE PARTICULARLY SUITABLE FOR USE AS A FIRE ESCAPE



(57) Abstract: This invention relates to a modular, external emergency structure particularly suitable for use as a fire escape. This structure comprises several modules stacked one on top of the other; the modules have a closed top surface featuring means suitable to open under the weight of a person and close immediately afterwards. In this way, said person falls into each module in succession in a controlled way, slowing down the fall. The structure comprises a bottom module found at ground level and several other modules, preferably different from the bottom module, to be stacked on top of the bottom module. Ideally, the height of each module should not be less than the height of the floor of the building to which it is connected; while, the height of the structure should not be less than the height of the last floor of the building to which said structure is connected.



WO 2005/035064 A1